

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 04983.0151.US01/38-21(15446)B	APPLICATION NO.: 09/206,040
	APPLICANT: Joseph R. Byrum, <i>et al.</i>	
	FILING DATE: December 4, 1998	GROUP: 1632

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U.S. PATENT DOCUMENTS							
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	AN1						Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
SDP	AR	1	Celera, "Products & Services", ( <a href="http://www.celera.com/products/prd-humangene.html">http://www.celera.com/products/prd-humangene.html</a> ); page printed on 6-2-99.
SDP	AS	1	"Perkin-Elmer's Celera Genomics To Provide Amgen Access to New Database Products", Press Release, January 12, 1999 ( <a href="http://www.perkin-elmer.com/press/prc5506.html">http://www.perkin-elmer.com/press/prc5506.html</a> ).
SDP	AT	1	"Celera Genomics Enters into Five-Year Database Agreement with Novartis", Press Release, April 19, 1999; ( <a href="http://www.perkin-elmer.com/press/prc5544.html">http://www.perkin-elmer.com/press/prc5544.html</a> ).

EXAMINER <i>Scott D. Pucher</i>	DATE CONSIDERED 7/22/99
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	2	"Celera Genomics and Pharmacia & Upjohn Enter into Five-Year Subscription Agreement for Celera Database Products", Press Release, March 17, 1999; ( <a href="http://www.perkin-elmer.com/press/prc5539.html">http://www.perkin-elmer.com/press/prc5539.html</a> ).
SDP	AS	2	Incyte Genomic, "Databases", ( <a href="http://www.incyte.com/products/databases.html">http://www.incyte.com/products/databases.html</a> ); page printed on 6-1-99.
SDP	AT	2	"Incyte and Pharmacia & Upjohn Announce Microbial Database Agreement", Press Release, January 8, 1999; ( <a href="http://www.incyte.com/news/1999/pharmacia.html">http://www.incyte.com/news/1999/pharmacia.html</a> ).

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	AR	3	"Gene Logic To Use Affymetrix Genechip Arrays to Build Gene Expression Database Product", Press Release, January 11, 1999; ( <a href="http://www.genelogic.com/PR-GeneChip.htm">http://www.genelogic.com/PR-GeneChip.htm</a> ).
SDP	AS	3	"Gene Logic Enters Genomics Alliance with Japan Tobacco for Drug Discovery in Renal Disease and Other Indications", Press Release, September 9, 1997; ( <a href="http://www.genelogic.com/PR-JT.htm">http://www.genelogic.com/PR-JT.htm</a> ).
SDP	AT	3	"Affymetrix Reports First Quarter Results; Product Sales Increase 132% Over 1998 Levels", PR Newswire, May 3, 1999.

EXAMINER <i>Scott D. Priebe</i>	DATE CONSIDERED <i>7/22/99</i>
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SDP	AR	<u>4</u>	Human Genome Sciences, Inc., "Human Genome Sciences and Affymetrix Announce Agreement to Develop Bacterial Genechip® Probe Arrays", Press Release, June 4, 1998; ( <a href="http://www.hgsi.com/news/press/98-06-04-affy.html">http://www.hgsi.com/news/press/98-06-04-affy.html</a> ).
SDP	AS	<u>4</u>	Humane Genome Sciences, Inc., "Smithkline Beecham, Human Genome Sciences, and Merck KGAA Sign Memorandum of Intent for Genomics Agreement", Press Release, April 18, 1996; ( <a href="http://www.hgsi.com/news/press/96-04-18_sbmerck.html">http://www.hgsi.com/news/press/96-04-18_sbmerck.html</a> ).
SDP	AT	<u>4</u>	Affymetrix, "Affymetrix and Human Genome Sciences Enter Agreement to Permit Commercialization of Genechip® Arrays Based on HGSI Database Sequences", Press Release, November 12, 1998; ( <a href="http://www.affymetrix.com/press/pr981112.html">http://www.affymetrix.com/press/pr981112.html</a> )..

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SDP	AR	<u>5</u>	Exelixis Pharmaceuticals, Inc., "Exelixis Delivers Target for Screening to Bayer AG - Exelixis Delivers Target for Screening to Bayer AG as Part of Their Genetics Research Alliance", News Release, April 1, 1999; ( <a href="http://www.exelixis.com/text/news/releases/99news/04_01.htm">http://www.exelixis.com/text/news/releases/99news/04_01.htm</a> ).
SDP	AS	<u>5</u>	"Exelixis Pharmaceuticals Delivers Target for Screening to Bayer AG; Exelixis Delivers Target for Screening to Bayer AG as Part of Their Genetics Research Alliance", PR Newswire, April 1, 1999.
SDP	AT	<u>5</u>	Applied Genetics News, "Bayer Taps Genetics for New Pesticides", Business Communications Co., July, 1998.

EXAMINER *Scott D. Pribe*

DATE CONSIDERED *7/22/99*

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SDP	AR	6	Exelixis Pharmaceuticals, Inc., "Exelixis Pharmaceuticals and Bayer AG Sign Genetics Research Alliance – Exelixis' Expertise in Model Organism Genetics to Accelerate Identification of Novel Targets for Crop Protection", News Release May 22, 1998; ( <a href="http://www.exelixis.com/text/news/releases/98news/05_22.htm">http://www.exelixis.com/text/news/releases/98news/05_22.htm</a> ).
SDP	AS	6	Lulu Pickering, Ph.D., "Bioinformatics Comes of Age – Agribusiness' and Big Pharma's Interest in Bioinformatics Spurs Deals in 1998", <i>Genetic Engineering News</i> , February 15, 1999, pp. 10, 30 and 40.
SDP	AT	6	Jim Shrine, "Lynx, Dupont Sign \$60M Deal for Crop Genomics", <i>BIOWORLD Today</i> , November 6, 1998.

EXAMINER <i>Justin D. Piche</i>	DATE CONSIDERED <i>7/22/99</i>
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SDP	AR	Z	Peter Fairley, "The Genomics Race", <i>Chemical Week</i> , December 23, 1998/December 30, 1998.
SDP	AS	Z	Human Genome Sciences, Inc., "Smith Kline Beecham and Human Genome Sciences Sign Genomics Collaboration Agreement with Synthelabo", News Release, July 2, 1996; <a href="http://www.hgsi.com/news/press/96-07-02_HGB-SB_SYN.html">http://www.hgsi.com/news/press/96-07-02_HGB-SB_SYN.html</a> ).
SDP	AT	Z	Jim Shrine, "Compugen Raises \$15M for Bioinformatics Push", <i>BIOWORLD Today</i> , December 18, 1998.

EXAMINER <i>Scott D. Piche</i>	DATE CONSIDERED 7/22/99
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SDP	AR	8	Gene Logic, "Database Technology", ( <a href="http://www.genelogic.com/database.htm">http://www.genelogic.com/database.htm</a> ), pages printed 6-2-99.
	AS	8	Incyte Pharmaceuticals, Inc., "Incyte Announces Expansion and Extension of Genomic Partnership With Johnson & Johnson", Press Release, February 3, 1999; ( <a href="http://www.incyte.com/news/1999/jandj.html">http://www.incyte.com/news/1999/jandj.html</a> )..
	AT	8	Incyte Pharmaceuticals, Inc., "Incyte Reports Year-end Results and 1999 Financial Targets, Announces Decision not to Pursue Tracking Stock Vehicle", Press Release, February 3, 1999; ( <a href="http://www.incyte.com/news/1999/annual-results.html">http://www.incyte.com/news/1999/annual-results.html</a> ).

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*Scott D. Pinder*

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SDP	AR	9	"Gene Logic, Procter & Gamble Pharmaceuticals Expand Drug Discovery Collaboration", Press Release, December 14, 1998; ( <a href="http://www.genellogic.com/PR-PGExpansion.htm">http://www.genellogic.com/PR-PGExpansion.htm</a> ).
SDP	AS	9	"Gene Logic and Organon Enter Expression Database Alliance", Press Release, January 8, 1997; ( <a href="http://www.genellogic.com/PR-Organon.htm">http://www.genellogic.com/PR-Organon.htm</a> ).
SDP	AT	9	Andy Coghlan "The Price of Profit", <i>New Scientist</i> p.20., May 16, 1998.

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SOP	AR	<u>10</u>	Human Genome Sciences, Inc., "Madison, NJ, Rockville, MD and Philadelphia, PA", Press Release, July 2, 1996; ( <a href="http://www.hgsi.com/news/press/96-07-02-spsbhgs.html">http://www.hgsi.com/news/press/96-07-02-spsbhgs.html</a> ).
SOP	AS	<u>10</u>	Business Wire, "Pangea Systems Tools Used to Design DNA Expression Chips for Hoechst Marion Roussel," February 2, 1999.
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*Scott D. Pinski*

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